

Kansas Corporation Commission Oil & Gas Conservation Division

1149755

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	Sec Twp S. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:
☐ Oil ☐ WSW ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	·
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

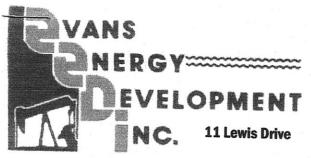
Submitted Electronically

KCC Office Use ONLY					
Letter of Confidentiality Received					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II III Approved by: Date:					

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(well site report.	hut-in pressure read	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No	L	og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geo	ological Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-		ermediate, producti			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	. CEMENTING / SQL	 JEEZE RECORD			
Purpose: Depth Type of Top Bottom Type of Top Bottom		Type of Cement	# Sacks Used		Type and F	Percent Additives	
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Deidag Diva	o Cot/Time	Acid Fro	cture, Shot, Cemen	t Squaaza Baaar	4
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	ols. (Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Submit)	400-5) (Sub	mit ACO-4)		



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Paola, KS 66071

Kansas Resource Exploration & Development, LLC
Guetterman #KR-18
API # 15-091-23,941

January 8 - January 10, 2013

Thickness of Strata	Farm 41	
12	<u>Formation</u>	<u>Total</u>
8	soil & clay	12
23	shale	20
9	lime	43
8	shale	52
4	lime	60
1	shale	64
7	lime	65
15	shale	72
20	lime	87
	shale	107
20	lime	127
6	shale	133
50	lime	183
21	shale	204
10	lime	214
16	shale	230
6	lime	236
10	shale	246
11	lime	257
4	shale	261
3	lime	264
30	shale	294
25	lime	319
7	shale	326
23	lime	349
3	shale	352
4	lime	356
4	shale	360
6	lime	
172	shale	366 base of the Kansas City
6	lime	538
6	shale	544 oil show
1	coal	550
7	shale	551
6		558
15	lime	564
4	shale	579
5	lime	583
10	shale	588
26	lime	598
	shale	624

1	lime	625
50	shale	675
2	lime	677
19	shale	696
6	broken sand	
3	oil sand	702 brown & grey, light bleeding, gassy
2	broken sand	705 brown, light bleeding (gassy)
3	silty shale	707 brown & black, light bleeding, gassy 710
14	shale	
1	coal	724
4	shale	725
2	lime	729
24	shale	731
1		755
39	coal	756
1	shale	795
8	coal	796
3	shale	804
	silty shale	807 white
12	shale	819
3	oil sand	822 brown, good bleeding
2	broken sand	824 brown & green, good bleeding
14	shale	838
1	coal	839
51	shale	890 TD

Drilled a 9 7/8" hole to 22' Drilled a 5 5/8" hole to 890'

Set 22' of 7" surface casing cemented with 6 sacks of cement

Set 880' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



TICKET NUMBER_ LOCATION Oxtama FOREMAN Fred Mad

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT CEMENT

20-431-9210 or 800-467-8676	j	CEMEN	1			
DATE CUSTOMER#	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
	Guetterman #	81.27	NE 19	14	22	Jo
1/10/13 4448	SUEFFERMON	T			HARLET A	the state of
CUSTOMER	F 1 1 D		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDDESS	es Expl + Deu.	7	.506	Fre Mad	Safeh	ny
WAILING ADDITION	th -C+		495	Jas Ric	JR 0	D
9393 W 1.10 3	STATE ZIP CODE		370	Kei Car	KC	
Overland Park	KS 66210		. 548	MikHaa	MH	
	HOLE SIZE 578	. HOLE DEPT	H 890'	CASING SIZE & V	VEIGHT 27 E	UE
JOB TYPE Longstring		_			OTHER	
CASING DEPTH880	DRILL PIPE	TUBING		. No recommendation of the contractive		01
SLURRY WEIGHT	SLURRY VOL	WATER gal/s	sk	CEMENT LEFT in	CASING 22	p rag
	DISPLACEMENT PSI	MIX PSI		RATE SIBP	M	
DISPLACEMENT 5.12	DISPLACEMENT F31		10 A C. O	The W	7 L. K. P. L.	. ^
REMARKS: Establish	pump ration	1x + Pum	p 100 CH	1. 1084.11	1 0 70	7
12- 545 5	Also Pom Mir Ce	ment a	10 wel 2 t	Kund Dear	5/4. (anu	ent:
	Fluar 1 2000	V / 100 5	chean.	Displace.	2. 2/2	
NO 50 7 12 1	gs to casing	TO PI	essure X	0 800 # PS	1. Roleas	· e · · ·
Lapper bin	a casimination	1: 5	1 × 10 Ca	1 = 1/2 .		4 SE 2 P
pressure to	set float va	tve.	mo rive co	Sive		
						· · · · · · · · · · · · · · · · · · ·
	To the second se			0		
				- Feed Y	Madu	
En C Enc	194 Dev. Inc	Mitche	ll			-
Evans Inc	1					

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODU	ст	UNIT PRICE	TOTAL
CODE		PUMP CHARGE	495		103000
5401			495		12000
5406	30 mi	MILEAGE	775		NIC
5402	880	Casing footage			
5407	Minimum	Ton Miles	548		35000
5502C	2/2 42	80 BBL Vac Truck	370		22500
00020					
		50/50 Poz Mix Coment			136825
1124	125 s KS				654
11188	310#	Premion Gel			8127
3107A	63#	Pheno Seal			81-
4402	2	2/2" Rubber Plugs			5600
4700					
			18		9
			100	10	all is
			_	OOM	160
			C	PONE.	
			IVI		
	1 11				
/			7.525%	SALES TAX	11823
	W I THAN		7.0220	ESTIMATED	75
Ravin 3737	111111111111111111111111111111111111111			TOTAL	34143

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

TITLE

DATE_